

JUN 02 2003 4:52 PM FR ARVINMERITOR LEGAL DP35 8354 TO CARLSON, GASKEY P.01
Nature Page 1 of 1

Willis, Carol

Subject: new filing U.S. 03mra0203

Ted,

CYS has approved one new disclosure for a U.S. filing:
03MRA0203

(being faxed)

There is some urgency with this filing so we'd
appreciate your

handling as soon as possible.

This should be assigned to: ArvinMeritor Technology, LLC

Thanks.

Carol



6/2/03

JUN 02 2003 4:52 PM FR ARVINMERITOR LEGAL DP35 8354 TO CARLSON, GASKEY P.02

VENTION DISCLOSURE

ArvinMeritor

CUS

PLEASE PRINT IN DARK INK

Docket No. (assigned by Patent Dept.) 03 MRA 0203

1. DESCRIPTIVE TITLE OF INVENTION Wheel End Condition Detection System

2(a) Robert Rosenthal
Inventor Full Name

Social Sec. Or Gov't ID#

U.S.A./Troy, MI/248-435-1220
Country/City/Area Code+Phone No.N.A. Sales and Service
Bus. Unit NameTroy B-216
Location761
Cost Center No.

✓ 2(b) Thomas M. Sanko

U.S.A./Troy, MI/248-435-1573

Inventor Full Name

Social Sec. Or Gov't ID#

Country/City/Area Code+Phone No.

CVS Axles and Drivelines
Bus. Unit NameTroy A-350
Location988
Cost Center No.2(c) Charles Smith,
Inventor Full Name

Social Sec. Or Gov't ID#

U.S.A./Troy, MI/248-435-1078
Country/City/Area Code+Phone No.CVS Axles and Drivelines
Bus. Unit NameTroy SE-013
Location396
Cost Center No.2(d) Paula Oakwood,
Inventor Full Name

Social Sec. Or Gov't ID#

U.S.A./Troy, MI/248-435-1936
Country/City/Area Code+Phone No.CVS Axles and Drivelines
Bus. Unit NameTroy A-332
Location440
Cost Center No.

3. Short statement of problem being addressed:

The connection between a truck or trailer wheel end and the spindle on which it is mounted can become loose. Currently there is no visual or audible indicator advising the driver of this.☐ Check here if you have attachments for the statement of the problem

4. Short statement of your solution

Provide an electronic interface between the ABS system and the engine. If the ABS system recognized an "out of position" sensor from lateral movement of the wheel end, an in-cab indicator would be activated and power to the engine would be immediately reduced, preventing the driver from continuing to operate the vehicle at highway speeds.☐ Attached are drawings and additional technical descriptions of the invention, as needed (embed as JPG images if possible).

5. Is this invention still held secret within Meritor?

☐ YES☒ NO, we have disclosed the invention outside the company (explain when, to whom, in what way, etc)The idea was proposed in a meeting on 2/27/2003. The meeting included Michael Whitehead who is an ArvinMeritor contract employee. All others in the meeting were ArvinMeritor employees.

6. Was this invention created at a company-sponsored "invention workshop"?

☐ YES, held on _____ (date) in _____ (city).☒ NO

* IMPORTANT * If any of the answers to these questions change any time before you receive a patent award check, you must notify the Patent Department by fax to 248/435-8354, or by e-mail to patents@arvinmeritor.com (Patents in Outlook).

Signature: _____

Signature: _____

Signature: _____

Signature: _____

** TOTAL PAGE.02 **